

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12336	amorphous with catalyst	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 06:02
L2	3905	1 and ((anneal\$3 or heat\$3 or temperature) with crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 06:03
L3	726	first with amorphous with catalyst	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 06:04
L4	535	1 and ((anneal\$3 or heat\$3 or temperature) with first with crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 06:05
L5	12	4 and (second adj amorphous same first adj crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 06:52

## EAST Search History

L6	0	5 and second adj amorphous with sputter\$3	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:58
L7	1171	(first or lower or bottom) with amorphous with catalyst	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:54
L8	927	1 and ((anneal\$3 or heat\$3 or temperature) with ((first or lower or bottom) with crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:55
L9	12	4 and ((second or upper or top) adj amorphous same first adj crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:56
L10	12	4 and ((second or upper or top) adj amorphous same ((first or lower to bottom) adj crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:20

## EAST Search History

L11	0	4 and ((gettering adj sink) same ((first or lower to bottom) adj crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:08
L12	8	10 and ((nitrogen or "N" ) same (oxygen or "O" )	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:48
L13	0	10 and ((nitrogen or "N" ) same (oxygen or "O" ) same noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:00
L14	0	10 and ((nitrogen or "N" ) same (oxygen or "O" ) and noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:48
L15	0	10 and ((nitrogen or "N" ) and (oxygen or "O" ) and noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:48

## EAST Search History

L16	0	Msekawa.in.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:50
L17	16078	Maekawa.in.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:50
L18	8	17 and (second adj amorphous same first adj crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:52
L19	2	18 and ((nitrogen or "N" ) same (oxygen or "O") same noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:54
L20	1772	438/151.ccls.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:54

## EAST Search History

L21	2422	438/149.ccls.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:54
L22	1340	438/166.ccls.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:54
L23	34	20 and (first or lower or bottom) with amorphous with catalyst	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:54
L24	47	21 and (first or lower or bottom) with amorphous with catalyst	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:55
L25	79	22 and (first or lower or bottom) with amorphous with catalyst	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:55

## EAST Search History

L26	26	23 and ((anneal\$3 or heat\$3 or temperature) with ((first or lower or bottom) with crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:55
L27	27	24 and ((anneal\$3 or heat\$3 or temperature) with ((first or lower or bottom) with crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:55
L28	67	25 and ((anneal\$3 or heat\$3 or temperature) with ((first or lower or bottom) with crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:55
L29	2	26 and ((second or upper or top) adj amorphous same first adj crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:59
L30	13	8 and ((second or upper or top) adj amorphous same ((first or lower or bottom) adj crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:59

## EAST Search History

L31	0	30 and ((nitrogen or "N" ) same (oxygen or "O") same noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:58
L32	8	30 and ((nitrogen or "N" ) same (oxygen or "O")	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:01
L33	0	5 and ((second or upper or top) adj amorphous with sputter\$3)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:59
L34	0	32 and ((second or upper or top) adj amorphous with sputter\$3)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:59
L35	2	27 and ((second or upper or top) adj amorphous same first adj crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:59

## EAST Search History

L36	6	28 and ((second or upper or top) adj amorphous same first adj crystal\$6)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 06:59
L37	2	26 and ((second or upper or top) adj amorphous same ((first or lower or bottom) adj crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:00
L38	2	27 and ((second or upper or top) adj amorphous same ((first or lower or bottom) adj crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:00
L39	6	28 and ((second or upper or top) adj amorphous same ((first or lower or bottom) adj crystal\$6))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:00
L40	0	37 and ((nitrogen or "N") ) same (oxygen or "O") same noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:00



## EAST Search History

L41	0	38 and ((nitrogen or "N" ) same (oxygen or "O") same noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:00
L42	0	39 and ((nitrogen or "N" ) same (oxygen or "O") same noble	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:01
L43	1	37 and ((nitrogen or "N" ) same (oxygen or "O")	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:01
L44	2	38 and ((nitrogen or "N" ) same (oxygen or "O")	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:01
L45	3	39 and ((nitrogen or "N" ) same (oxygen or "O")	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/12/26 07:01